Remarks/Arguments:

The present invention relates to a network system wherein a home server is protected by a firewall. Specifically, a network security managing section on the other side of the firewall initiates setting changes of the firewall.

On page 3 of the Office Action, the Examiner has objected to claims 2, 3, 6-8, 10, 17, 18, 21-23 and 25 because they recite "*the plurality of web terminals*", "*the network security system*" or "*the web terminal*". Claims 2, 3, 6, 7, 10, 17, 18, 20, 21 and 25 have been amended to show antecedent basis. Claims 8 and 23, however, do not need to be amended because they recite "*the network system*" in which antecedent basis is supported in the preamble. Withdrawal of the claim objections is respectfully requested.

On page 3 of the Office Action, the Examiner has rejected claims 1-2, 4-6, 16-17 and 19-21 under 35 U.S.C. 103(a) as being unpatentable over Sharood (U.S.P.N. 6,453,687) in view of Syvanne (U.S. Publication No. 2003/0097590). It is respectfully submitted, however, that the claims are patentable over the art of record for the reasons set forth below.

Sharood teaches a system for monitoring appliances such as a dishwasher, gas range and water heater. Specifically, these appliances are monitored over the internet.   Syvanne teaches a personal firewall for protecting a computer. Specifically, the personal firewall detects its location and automatically uses predefined security rules for that specific network.

Applicant's invention, as recited by claim 1, includes a feature which is neither disclosed nor suggested by the art of record, namely:

> **...network security managing section initiates setting changes of said firewall.**

Claim 1 relates to a network system wherein a network security managing section and a network connecting section are both separated from a home server by a firewall. Specifically, the network security managing section which is on the opposite side of the firewall of the home server is able to initiate setting changes of

the firewall. This feature is found in the originally filed application in Fig. 1 and furthermore from page 9 line 3 to page 10 line 17. No new matter has been added.

In paragraph 47 lines 17 and 18, Syvanne teaches a personal firewall management server 8 which is furthermore shown in Fig. 1. Syvanne teachings are similar to Applicant's claim 1 where a network security managing section is recited ("*a network security managing section*"). Paragraph 47 line 16 of Syvanne, however, teaches that the personal firewall of each user must send a query to the central management for updates on the firewall ("*the personal firewall sends a rule update query to the central management, such as the personal firewall management server 8 in Fig. 1*"). Fig. 1 of Syvanne shown below, furthermore teaches that laptop 1 is on the **same side of the firewall** as personal firewall management 8.
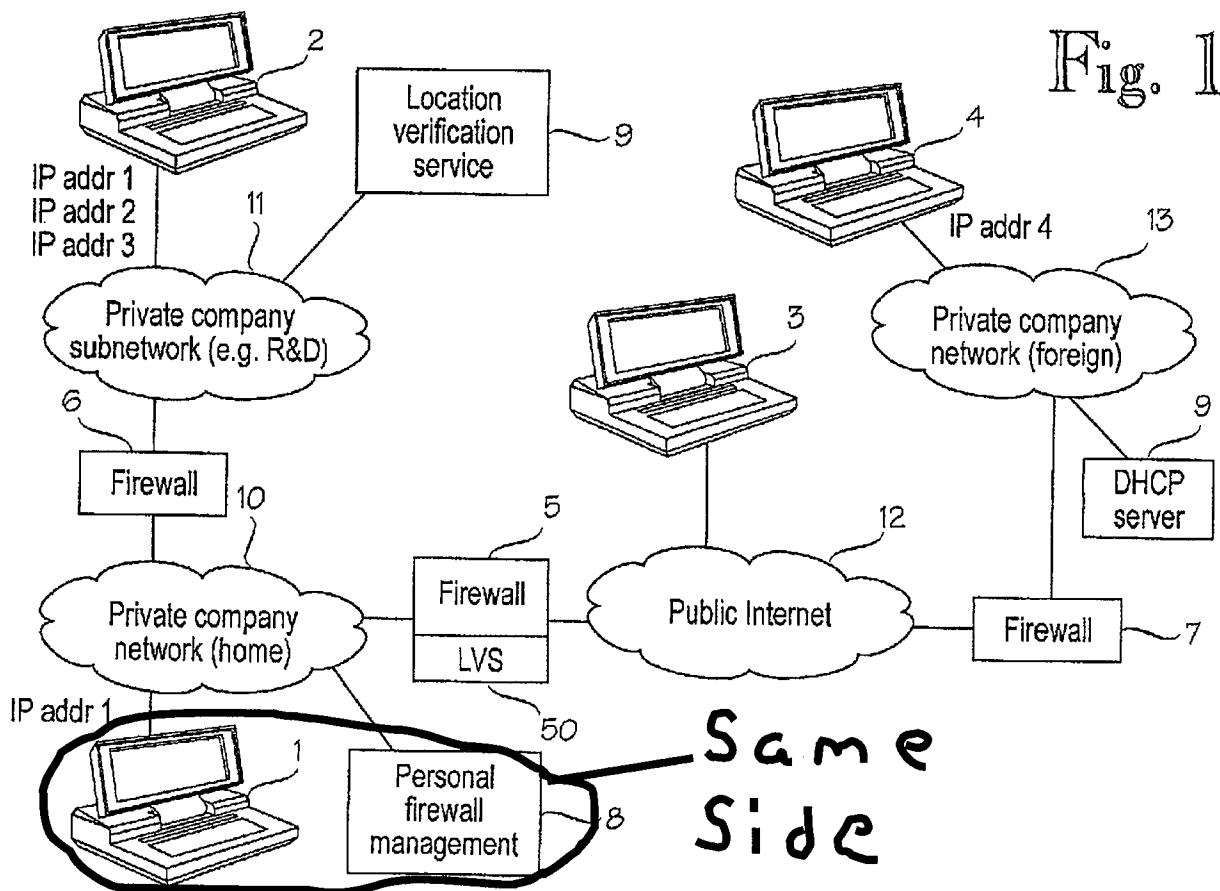
In paragraph 13, Syvanne teaches that the firewall can only query the centralized management when the computer is located in the home network ("*the query should only be made, while the computer device is located in the home network*"). Therefore, Syvanne teaches a system where (1) the firewall initiates firewall setting changes by querying the central management (personal firewall management 8) and (2) the host laptop 1 is on the same side of the firewall as centralized management (personal firewall management 8).

Applicants' teachings are different then Syvanne, because the recitation of a network security managing section on the opposite side of a firewall as a home server that initiates setting changes of the firewall as recited in claim 1 ("*said network security managing section initiates setting changes of said firewall*"). Applicant's network security managing section as shown in Fig. 1 below is on the opposite side of a firewall from the home server 15.

FIG.1
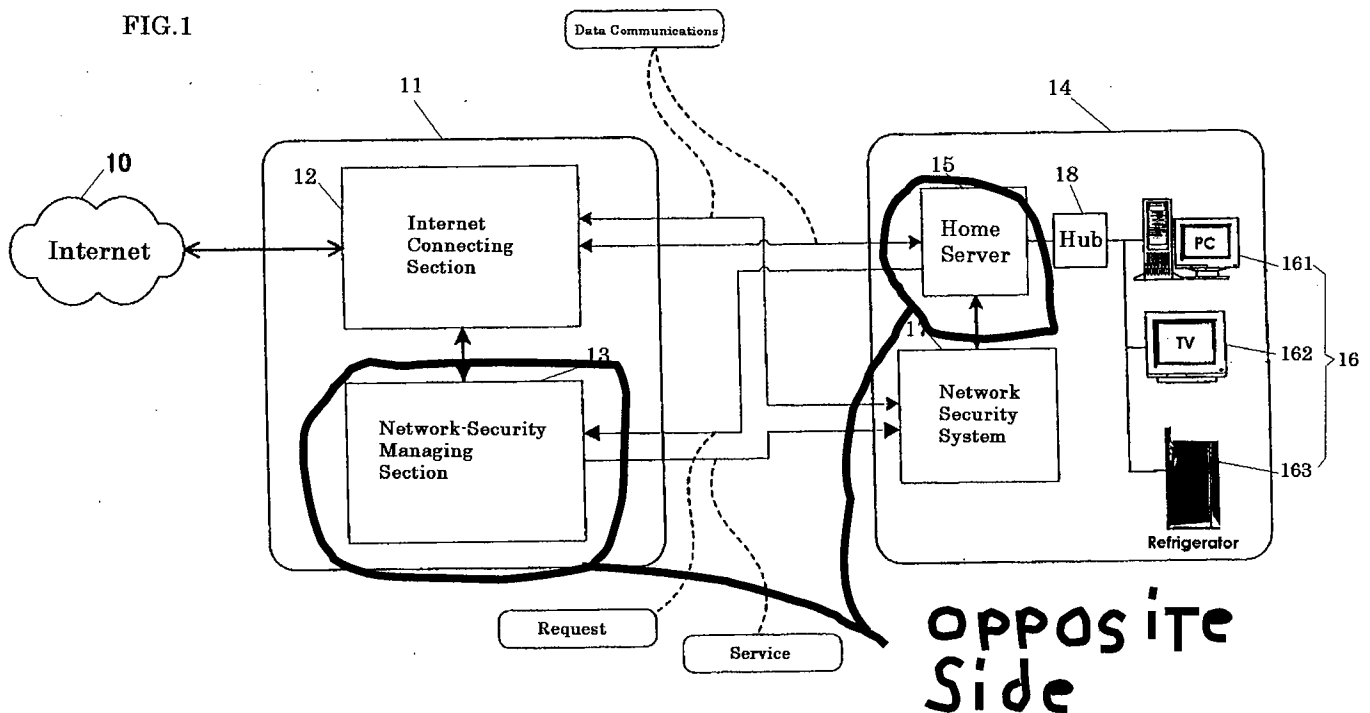
Furthermore, page 9 line 10 to page 10 line 2 teaches that when new update information is available, the network security managing section updates the firewall ("*when it is determined...that there is an update information...about an environmental change or emergence of a new species subspecies of virus...data thereof is stored to an update server 31 thereby updating a vaccine...meanwhile, when it is determined...that there is caused a new security hole...the data thereof is similarly stored in the update server 31 thereby updating the firewall*"). Therefore, Applicants' teach a system where (1) **network security managing section 13 initiates firewall settings** and (2) the host server 15 is on the **opposite side** of the firewall as network security managing section 13.

It is because Applicant's claims include the feature of "*network security managing section initiates setting changes of a firewall*", that the following advantages are achieved. An advantage is the ability to relieve the user of the risk and labor in using the internet. Accordingly, for the reasons set forth above, claim 1 is patentable over the art of record.

Independent claim 16 includes all the features of claim 1. Thus, claim 16 is also patentable over the art of record for the reason set forth above.

Claims 2-15 include all the features of claim 1 from which they depend. Thus, claims 2-15 are also patentable over the art of record for the reasons set forth above.

Claims 7-30 include all the features of claim 16 from which they depend. Thus, claims 7-30 are also patentable over the art of record for the reasons set forth above.
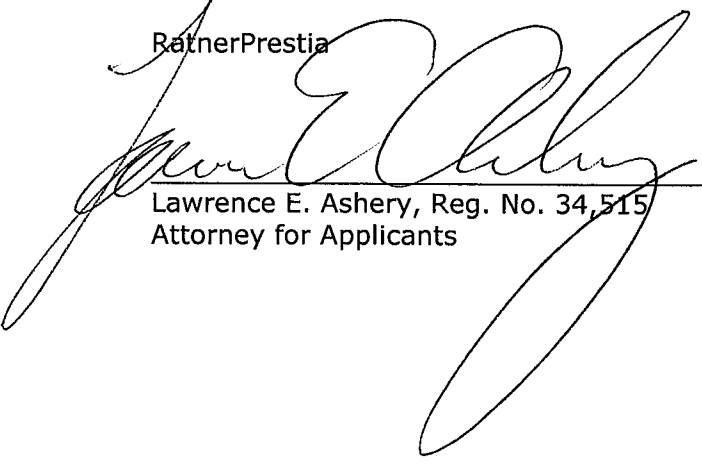
In view of the amendments and arguments set forth above, the above identified application is in the condition for allowance which action is respectfully requested.

Respectfully submitted,

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